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AMENDMENTS TO THE SPECIFICATION

Please insert the following after line 23 of page 16 in the specification.

The SSR profile of Inbred PH5TG can be found in Table A.

Table A

Public Name of Marker	bin #	PH5TG base pairs
phi427913	1.01	129.38
phi056	1.01	255.30
bnlg1083	1.02	221.86
bnlg1127	1.02	114.36
bnlg1953	1.02	247.56
bnlg1429	1.02	204.64
bnlg1627	1.02	202.70
bnlg439	1.03	232.00
phi109275	1.03	133.29
phi339017	1.03	145.56
bnlg1203	1.03	306.51
bnlg1484	1.03	155.86
bnlg2086	1.04	224.54
bnlg2238	1.04	200.55
bnlg1832	1.05	233.45
bnlg1886	1.05	147.56
bnlg1057	1.06	274.00
bnlg1041	1.06	192.27
bnlg1615	1.06	236.77
bnlg1556	1.07	207.66
phi323065	1.08	329.53

phi423280	1.08	69.78
phi002	1.08	69.78
bnlg1331	1.09	141.84
phi011	1.09	226.98
phi308707	1.10	131.11
phi227562	1.11	319.44
phi265454	1.11	217.66
phi064	1.11	94.65
phi402893	2.00	206.27
bnlg1017	2.02	175.37
bnlg2277	2.02	294.16
bnlg1018	2.04	158.85

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Public Name of Marker	bin #	PH5TG base pairs
bnlg1909	2.05	310.30
bnlg1396	2.06	133.20
phi251315	2.07	123.79
phi328189	2.08	121.35
phi427434	2.08	121.46
phi435417	2.08	214.27
bnlg1141	2.08	133.13
bnlg1940	2.08	241.72
bnlg1520	2.09	294.41
phi101049	2.10	230.37
phi453121	3.00	212.06
phi104127	3.01	169.96
phi404206	3.01	300.24
phi374118	3.02	215.83
bnlg1144	3.02	157.89
bnlg1647	3.02	151.67
bnlg1523	3.03	264.89
bnlg1019	3.04	155.02
bnlg1452	3.04	125.59
bnlg1035	3.05	102.95
phi053	3.05	166.74
phi102228	3.06	126.84
bnlg1160	3.06	208.81
bnlg1951	3.06	130.08
bnlg2241	3.06	138.13
phi072	4.00	139.43
phi213984	4.01	303.16
phi295450	4.01	194.09
bnlg1162	4.03	94.88
phi308000	4.04	218.64

phi438301	4.05	211.81
bnlg1755	4.05	216.63
bnlg1937	4.05	237.92
phi079	4.05	187.36
bnlg1189	4.07	138.12
bnlg2244	4.08	216.18
bnlg1006	5.00	194.76
phi396160	5.02	298.12
phi109188	5.03	161.52
bnlg653	5.04	151.67
phi330507	5.04	131.59

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Public Name of Marker	bin #	PH5TG base pairs
phi331888	5.04	134.18
bnlg1208	5.04	118.88
bnlg1892	5.04	158.09
phi333597	5.05	216.51
phi085	5.06	256.26
bnlg1118	5.07	82.56
bnlg1711	5.07	176.65
phi423796	6.01	135.33
phi389203	6.03	306.15
phi452693	6.04	130.98
phi445613	6.05	96.95
bnlg1174	6.05	218.72
phi299852	6.07	117.30
phi364545	6.07	131.46
bnlg1740	6.07	230.27
bnlg1759	6.07	125.81
phi070;	6.07	83.47
umc1063		
phi034	7.02	119.55
bnlg2271	7.03	233.69
phi051	7.05	136.61
phi069	7.05	195.31
phi116	7.06	170.00
phi420701	8.00	297.77
bnlg1194	8.02	140.77
phi100175	8.03	136.75
bnlg2082	8.03	136.20
phi115	8.03	302.63
	8.03	93.90

bnlg1176	8.05	225.59
bnlg1152	8.06	156.64
phi015	8.08	94.16
phi233376	8.09	147.93
bnlg2122	9.01	219.19
bnlg1012	9.04	161.54
phi032	9.04	236.63
phi108411	9.05	126.04
phi236654	9.05	117.08
bnlg1375	9.07	164.93
bnlg1129	9.08	294.80
phi041	10.00	199.87

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cont.

Public Name of Marker	bin #	PH5TG base pairs
phi96342	10.02	245.07
phi059	10.02	153.35
bnlg1079	10.03	172.22
bnlg1655	10.03	147.28
phi301654	10.04	128.33
phi062	10.04	157.81
bnlg1074	10.05	172.03
bnlg1185	10.07	165.20
bnlg1720	1.09/1.10	236.44
phi159819	6.00/6.08	124.44
phi448880	9.06/9.07	176.99